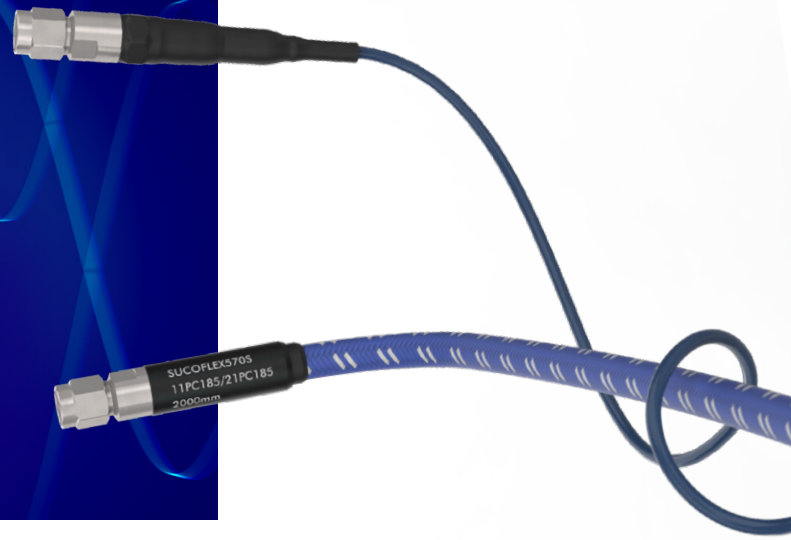


SUCOFLEX® 500

Tradition of Innovation

**Reliable electrical performance
and precise measurement
repeatability up to 70 GHz
with minimal downtime**



High-flex microwave test assemblies for the ultimate in performance and accuracy

- Excellent insertion and return loss
- Best phase and amplitude stability with flexure and movement
- Very long service life >100'000 cycles
- Phase matching options available
- Cable assembly configurations tailored to individual requirements



Short delivery
time



Outstanding
performance



Excellent price-
performance
ratio

SUCOFLEX® 500 - custom cable assemblies

Available configurations with a lead-time of 10 working days (ex works)*

Cable type	Frequency (GHz)	Nominal attenuation 18 GHz, 25°C (dB/m)	Outer diameter (mm)	Bending radii (static mm)	Phase stability vs. flexure (°ei)	Amplitude stability vs. flexure (dB)	Connector options
SUCOFLEX 526 (E)	26.5	1.1	5.5	16	+/- 8	+/- 0.1	3.5mm, N, SMA
SUCOFLEX 526EA	26.5	1.1	10.3	30	+/- 8	+/- 0.1	3.5mm, N, SMA
SUCOFLEX 526S	26.5	1.1	7.7	25.4	+/- 3	+/- 0.05	3.5mm, N, SMA
SUCOFLEX 540 (E)	40	1.7	4	12	+/- 8	+/- 0.1	2.92mm, 2.4mm
SUCOFLEX 540EA	40	1.7	7.7	20	+/- 8	+/- 0.1	2.92mm, 2.4mm
SUCOFLEX 540S	40	1.7	6.4	25.4	+/- 5	+/- 0.05	2.92mm, 2.4mm
SUCOFLEX 550 (E)	50	1.99	3.7	11	+/- 10	+/- 0.1	2.92mm, 2.4mm, 3.5mm
SUCOFLEX 550EA	50	1.99	7.7	20	+/- 10	+/- 0.1	2.92mm, 2.4mm, 3.5mm
SUCOFLEX 550S	50	1.99	6.1	25.4	+/- 6	+/- 0.05	2.92mm, 2.4mm, 3.5mm
SUCOFLEX 570 (E)	70	2.9	3.3	11	+/- 10	+/- 0.1	1.85mm
SUCOFLEX 570S	70	2.9	5.8	25.4	+/- 8	+/- 0.05	1.85mm

*Note: special requests to include special labeling requirements, phase matching and volumes >10 pcs are not accommodated within this supply chain model

SUCOFLEX® 500 – cable assemblies available from stock

Standard configurations without absolute time delay matching

Item no.	Type	Length (mm)	Length (inch)	Frequency (GHz)	Max. insertion loss at 25°C (dB)	Max. VSWR	Data sheet
85207923	SF526E/11PC35/11PC35/24in	610	24	26.5	1.18	1.35	Link
85207924	SF526E/11PC35/11PC35/36in	914	36	26.5	1.64	1.35	Link
85154814	SF526S/11PC35/11PC35/24in	610	24	26.5	1.18	1.35	Link
85088164	SF526S/11PC35/11PC35/36in	914	36	26.5	1.64	1.35	Link
85092086	SF526S/11PC35/11PC35/48in	1219	48	26.5	2.1	1.35	Link
85195093	SF526S/21PC35NMD/11PC35/36in	914	36	26.5	1.64	1.35	Link
85207914	SF540E/11SK/11SK/24in	610	24	40	2.08	1.44	Link
85207915	SF540E/11SK/11SK/36in	914	36	40	2.96	1.44	Link
85207918	SF540S/11SK/11SK/24in	610	24	40	2.08	1.44	Link
85207919	SF540S/11SK/11SK/36in	914	36	40	2.96	1.44	Link
85185826	SF550E/11PC24/11PC24/24in	610	24	50	2.89	1.44	Link
85157329	SF550E/11PC24/11PC24/36in	914	36	50	4.07	1.44	Link
85120065	SF550S/11PC24/11PC24/24in	610	24	50	2.89	1.44	Link
85120066	SF550S/11PC24/11PC24/36in	914	36	50	4.07	1.44	Link
85120068	SF550S/11PC24/11PC24/48in	1219	48	50	5.24	1.44	Link
85194782	SF550S/21PC24NMD/11PC24/36in	914	36	50	4.07	1.44	Link
85120073	SF550S/11SK/11SK/24in	610	24	40	2.58	1.44	Link
85120074	SF550S/11SK/11SK/36in	914	36	40	3.61	1.44	Link
85120075	SF550S/11SK/11SK/48in	1219	48	40	4.65	1.44	Link
85184843	SF570E/11PC185/11PC185/24in	610	24	70	4.65	1.5	Link
85184844	SF570E/11PC185/11PC185/36in	914	36	70	6.48	1.5	Link
85186159	SF570S/11PC185/11PC185/24in	610	24	70	4.65	1.5	Link
85149825	SF570S/11PC185/11PC185/36in	914	36	70	6.48	1.5	Link
85186160	SF570S/11PC185/11PC185/48in	1219	48	70	8.5	1.5	Link
85194771	SF570S/21PC185NMD/11PC185/36in	914	36	70	6.48	1.5	Link

Standard configurations with absolute time delay matching (± 1.0 ps)

Item no.	Type	Length (mm)	Length (inch)	Frequency (GHz)	Max. insertion loss at 25°C (dB)	Max. VSWR	Data sheet
85207925	PMA SF526E/11PC35/11PC35/24in	610	24	26.5	1.18	1.35	Link
85207926	PMA SF526E/11PC35/11PC35/36in	914	36	26.5	1.64	1.35	Link
85185119	PMA SF526S/11PC35/11PC35/24in	610	24	26.5	1.18	1.35	Link
85185120	PMA SF526S/11PC35/11PC35/36in	914	36	26.5	1.64	1.35	Link
85207916	PMA SF540E/11SK/11SK/24in	610	24	40	2.08	1.44	Link
85207917	PMA SF540E/11SK/11SK/36in	914	36	40	2.96	1.44	Link
85207921	PMA SF540S/11SK/11SK/24in	610	24	40	2.08	1.44	Link
85207922	PMA SF540S/11SK/11SK/36in	914	36	40	2.96	1.44	Link
85169945	PMA SF550E/11PC24/11PC24/24in	610	24	50	2.89	1.44	Link
85169947	PMA SF550E/11PC24/11PC24/36in	914	36	50	4.07	1.44	Link
85153038	PMA SF550S/11PC24/11PC24/24in	610	24	50	2.89	1.44	Link
85153039	PMA SF550S/11PC24/11PC24/36in	914	36	50	4.07	1.44	Link
85185117	PMA SF550S/11SK/11SK/24in	610	24	40	2.58	1.44	Link
85185118	PMA SF550S/11SK/11SK/36in	914	36	40	3.61	1.44	Link
85184845	PMA SF570E/11PC185/11PC185/24in	610	24	70	4.65	1.5	Link
85184846	PMA SF570E/11PC185/11PC185/36in	914	36	70	6.48	1.5	Link
85153051	PMA SF570S/11PC185/11PC185/24in	610	24	70	4.65	1.5	Link
85153052	PMA SF570S/11PC185/11PC185/36in	914	36	70	6.48	1.5	Link

Please get in touch with us, our experts are happy to help.

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HUBER+SUHNER is certified according to EN(AS) 9100, ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

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Speed matters. SUCOFLEX® 500
 Microwave interconnects proven
 to provide reliability, precision and
 durability in complex test environments

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